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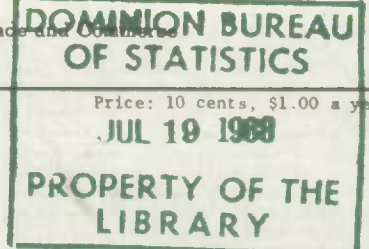
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SUMMARY OF CANAL STATISTICS

APRIL 1968

The tenth season of the St. Lawrence Seaway opened on April 8th with the upbound passage of the bulk carrier "Quebecois" and the downbound transit of the "Feux Follet", another Canadian vessel last year the commencement date was a day earlier with an entry into the St. Lambert lock at Montreal. The Welland Canal again opened on April 1st with the up and down movements of the "Canadian Century" and the "Manitoulin" respectively. The "Yankcanuck" again made the first transit through the Canadian lock at Sault Ste. Marie on April 6th, two days after the 1967 opening.

Significant gains were recorded for both the Welland and St. Lawrence Canals this month. Through the Welland, 5,314,889 tons were shipped during April compared to 4,600,009 tons in 1967 and 5,278,127 tons in 1966. The St. Lawrence performed similarly, with a gain to 4,559,725 cargo tons from 3,741,933 tons in the preceding year and 4,329,194 tons in 1966.

Iron ore and wheat traffic accounted for these increases in large part. Through the St. Lawrence Canals for example, iron ore rose to 1,773,399 tons from 1,599,548 tons in 1967 while wheat jumped to 980,602 tons from 676,129 tons. Despite certain declines in Canada's wheat exports, the commodity is moving in heavy volume over the lakes to grain elevators along the St. Lawrence for storage prior to eventual shipment overseas. The April 1966 total for wheat through the St. Lawrence was much greater, amounting to 1,293,937 tons, and reflecting the sizable sales to Communist countries.

Several other commodities were transported in larger volume this month, the most notable being steel products which more than doubled. Certain agricultural products rose appreciably, including flaxseed and soybeans, as did salt through the Welland, which at 107,912 tons almost tripled compared with last year. Bituminous coal, a staple commodity through the Welland, declined by about three per cent to 1,073,564 tons.

Movements through the Canso Canal amounted to 101,891 tons of cargo compared to 38,993 tons in 1967 which was depressed due to weather conditions; in April 1966 there were 112,395 tons of freight. Vessel passages through all canals numbered 1,433 compared to 1,377 in April 1967; however the net registered tonnage rose at the faster rate of about 10 per cent. The total volume of freight through all canals rose by 19 per cent to 10,011,430 tons from 8,407,163 tons in the previous year.

TABLE 1. Vessel Passages, Registered Net Tonnage, and Tonnage of Freight for All Canals

Canal	April 1968			Tonnage of freight April 1967	Cumulative tonnage of freight	
	Number of Vessel passages	Registered net tonnage of vessels	Tonnage of freight		1968	1967
Canso Canal	99	85,137	101,891	38,993		
St. Lawrence Canals	592	3,141,522	4,559,725	3,741,933		
Welland Canal	667	4,021,341	5,314,889	4,600,009		
Sault Ste. Marie Canal - Can. lock	50	60,730	33,992	24,759		
All other canals	25	1,664	933	1,469		
Totals	1,433	7,310,394	10,011,430	8,407,163		
Sault Ste. Marie Canal - U.S. locks	1,059	..	6,922,280	4,524,055		

.. Figures not available.

Transportation and Public Utilities Division
Transportation Section

July 1968
8702-517

TABLE 2. TONNAGE OF FREIGHT TRANSPORTED THROUGH THE ST. LAWRENCE SEAWAY CANALS, BY COMMODITY AND DIRECTION

CANAL AND COMMODITY	APRIL			TOTAL APRIL 1967	CUMULATIVE TOTAL	
	UP	DOWN	TOTAL		1966	1967
ST. LAWRENCE CANALS						
MEAT, FRESH OR FROZEN	28	1,132	1,160	2,640		
MILK POWDER				30		
BARLEY		38,831	38,831	77,978		
CORN		102,485	102,485	86,314		
OATS		31,748	31,748	37,750		
RYE		21,653	21,653	2,248		
WHEAT		980,602	980,602	676,129		
CORN MEAL AND FLOUR				13		
MALT AND MALT FLOUR		8,717	8,717	14,015		
WHEAT FLOUR				552		
CEREALS, MILLED, NES	14	7	21	2		
FRUITS, PRESERVED	964		964	4,774		
FRUITS, PREPARATIONS	2,984	105	3,089	3,156		
VEGETABLES, DRIED	59	946	1,005	27,871		
VEGETABLE PREP. NES	3,436	1,663	5,099	4,017		
RAW SUGAR	12,842		12,842	11,648		
MOLASSES, CRUDE	6,068		6,068	8,651		
COCOA AND CHOCOLATE	2,652		2,652	4,591		
LARD		4,629	4,629	1,060		
MISC. FOOD PREP. NES	900	179	1,079	1,053		
HULLS, SCREENINGS, CHAFF		851	851	6,442		
GROUND CEREALS, NES	6	176	182	240		
SOYABEAN OIL MEAL, CAKE		8,062	8,062	30,868		
OIL SEED MEAL, CAKE, NES		950	950	24		
CONC. COMPLETE FEEDS		175	175	269		
WINES	6,434		6,434	3,804		
DIST. ALCOHOLIC BEVERAGES	7,703		7,703	5,142		
OTHER FOOD, FEED, TOBACCO	8,560	13,325	21,885	10,233		
RAW HIDES AND SKINS	162	2,008	2,170	4,589		
FLAXSEED		47,026	47,026	16,119		
RAPESEED						
SOYABEANS		70,931	70,931	33,202		
RUBBER, ALLIED GUMS, NAT.	5,267		5,267	6,243		
LOGS		847	847	1,065		
PULPWOOD	2,176		2,176	3,302		
ALUMINA, BAUXITE ORE	8,718		8,718	14,208		
IRON ORE AND CONC.	1,773,399		1,773,399	1,599,548		
MANGANESE ORE	19,544		19,544			
TITANIUM ORE						
ORES AND CONC. NES	7,079	91	7,170			
IRON AND STEEL SCRAP		6,500	6,500			
NON-FERROUS MET. SCRAP	9	1,311	1,320	1,072		
COAL, BITUMINOUS	64,955	45,227	110,182	84,202		
CRUDE PETROLEUM	44,490		44,490	15,602		
BENTONITE		23,083	23,083	19,467		
CHINA CLAY	2,621		2,621	1,870		
CLAY MATERIALS NES	23		23	11		
STONE, CRUDE, NES	176	9,144	9,320	335		
FLUORSPAR	12,554		12,554	9,455		
GYPSUM						
PHOSPHATE ROCK						
SALT		48,310	48,310	37,412		
CRUDE NON-MET. MIN. NES	509	45	554	889		
OTHER CRUDE MATERIALS, INEDIBLE	2,387	351	2,738	15,680		
LUMBER AND TIMBER	1,038	377	1,415	1,304		
VENEER AND PLYWOOD	3,581	24	3,605	4,747		
PULP	4,440	765	5,205	2,477		
NEWSPRINT PAPER	28,568		28,568	46,056		
CORDAGE, TWINE, ROPE	14,882		14,882	18,293		
ANIMAL OILS, EXC. MARINE	33	3,650	3,683	5,640		
SOYABEAN OIL		2,656	2,656			
VEG. OILS, FATS, NES	16,512	338	16,850	10,929		
METALLIC SALTS	2,441	12,043	14,484	5,390		
INORGANIC CHEMICALS NES	438	14	452	827		
ORGANIC CHEMICALS NES	7,743	2,486	10,229	14,437		
FERTILIZERS	14	10	24	20		
SYNTHETIC RUBBER	78	218	296	2,147		
PLASTIC MATERIALS	820	1,310	2,130	8,621		
CHEM. SPECIALTIES NES	1,408	2,227	3,635	2,132		
GASOLINE	12,784		12,784	48,795		
FUEL OIL	123,618		123,618	124,007		
LUBRICATING OIL, GREASE	33,103	160	33,263	32,571		
COKE		47,488	47,488	41,899		
PETROL. COAL PROD. NES	150	7,766	7,916	2,879		
FERRO-ALLOYS	18,032		18,032	8,412		
PIG IRON	4,525		4,525	38,619		
PRIMARY IRON, STEEL NES	3,807		3,807	5,009		
CASTINGS, FORGINGS	2,499	5,030	7,529	929		
BAR AND RODS, STEEL	62,094	743	62,837	42,542		
PLATE AND SHEET STEEL	457,538	1,220	458,758	150,612		

TABLE 2. TONNAGE OF FREIGHT TRANSPORTED THROUGH THE ST. LAWRENCE SEAWAY CANALS, BY COMMODITY AND DIRECTION

CANAL AND COMMODITY	APRIL			TOTAL APRIL 1967	CUMULATIVE TOTAL	
	UP	DOWN	TOTAL		1968	1967
STRUCTURAL SHAPES	57,888		57,888	107,767		
PIPE, TUBE, IRON AND STEEL	6,910	14	6,924	4,828		
WIRE	10,440		10,440	14,169		
ALUMINUM	6,394	18	6,412	3,804		
ZINC AND ALLOYS	4,615	85	4,700	2,029		
METAL FAB. BASIC PRODUCTS	12,296	29	12,325	13,315		
GLASS BASIC PRODUCTS	6,569		6,569	7,050		
CEMENT				132		
NON-MET. MIN. BASIC PROD.	1,323	47	1,370	3,900		
OTHER FAB. MATERIALS, INEDIBLE ..	9,411	7,609	17,020	18,904		
TRACTORS	2,875	49	2,924	4,023		
MACHINERY NES	12,667	380	13,047	13,960		
PASS. AUTOS AND CHASSIS	2,738	10	2,748	5,322		
MILITARY MOTOR VEHICLES				50		
MOTOR VEHICLE ENGINES, PARTS ..	1,649	47	1,696	3,538		
EQUIPMENT	1,304	296	1,600	2,224		
PERSONAL, HOUSEHOLD GOODS	4,947	128	5,075	5,163		
OTHER END PRODUCTS, INEDIBLE ..	12,465	325	12,790	13,513		
DOMESTIC PACKAGE FREIGHT	14,273	25,574	39,847	13,433		
TOTAL	2,965,629	1,594,096	4,559,725	3,742,203		
WELLAND CANAL .						
MEAT, FRESH OR FROZEN	7	957	964	2,431		
MILK POWDER				30		
BARLEY		38,831	38,831	87,918		
CORN		115,183	115,183	98,933		
OATS		31,748	31,748	45,461		
RYE		21,653	21,653	2,248		
WHEAT		762,713	762,713	518,687		
CORN MEAL AND FLOUR				2		
MALT AND MALT FLOUR		8,717	8,717	14,015		
WHEAT FLOUR				546		
CEREALS, MILLED, NES	14	7	21	2		
VEGETABLES, DRIED		715	715	25,293		
VEGETABLE PREP. NES	789	1,463	2,252	2,282		
SUGAR NES				4,736		
MOLASSES, CRUDE	2,456		2,456			
SYRUP						
COCOA AND CHOCOLATE	1,224		1,224	971		
LARD		4,629	4,629	1,060		
HULLS, SCREENINGS, CHAFF		851	851	6,442		
GROUND CEREALS, NES		176	176	240		
SOYABEAN DIL MEAL, CAKE		5,069	5,069	6,182		
DIL SEED MEAL, CAKE, NES		950	950			
CONC. COMPLETE FEEDS		11	11	10		
WINES	3,694		3,694	3,161		
DIST. ALCOHOLIC BEVERAGES	6,554		6,554	3,841		
OTHER FOOD, FEED, TOBACCO	10,172	13,266	23,438	9,607		
RAW HIDES AND SKINS	31	1,358	1,389	1,463		
FLAXSEED		52,403	52,403	20,056		
RAPESEED						
SOYABEANS		87,889	87,889	79,299		
RUBBER, ALLIED GUMS, NAT.	3,242		3,242	4,996		
LOGS		457	457	284		
PULPWOOD	2,176		2,176	3,302		
ALUMINA, BAUXITE ORE	8,718		8,718	14,208		
IRON ORE AND CONC.	1,481,484	131,408	1,612,892	1,537,242		
MANGANESE ORE	19,544		19,544			
TITANIUM ORE						
ORES AND CONC. NES	7,079		7,079			
IRON AND STEEL SCRAP		6,500	6,500			
NON-FERROUS MET. SCRAP	9		9	452		
COAL, BITUMINOUS		1,073,564	1,073,564	1,108,306		
CRUDE PETROLEUM	17,549		17,549			
BENTONITE		23,083	23,083	19,467		
CHINA CLAY	2,610		2,610			
DOLOMITE	166,238	6,490	172,728	184,706		
CLAY MATERIALS NES		6,010	6,010	10,535		
SAND AND GRAVEL	2,624	15,595	18,219	5,648		
STONE, CRUDE, NES	135		135	249		
FLUORSPAR	8,584		8,584	9,455		
SALT		107,912	107,912	37,389		
CRUDE NON-MET. MIN. NES	481	40	521	774		
OTHER CRUDE MATERIALS, INEDIBLE ..	440	16,240	16,680	9,215		
VENEER AND PLYWOOD	2,077	24	2,101	3,100		
PULP	3,872		3,872	2,477		
NEWSPRINT PAPER	46,978		46,978	61,390		
CORDAGE, TWINE, ROPE	11,298		11,298	15,518		
ANIMAL DILS, EXC. MARINE		3,289	3,289	4,902		



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TABLE 2. TONNAGE OF FREIGHT TRANSPORTED THROUGH THE ST. LAWRENCE SEAWAY CANALS, BY COMMODITY AND DIRECTION

CANAL AND COMMODITY	APRIL			TOTAL APRIL 1967	CUMULATIVE TOTAL	
	UP	DOWN	TOTAL		1968	1967
VEG. OILS, FATS, NES	1,731		1,731	5,601		
METALLIC SALTS	1,255	5,217	6,472	1,392		
INORGANIC CHEMICALS NES	272		272	4,497		
GLYCOL		7,477	7,477	3,273		
DRGANIC CHEMICALS NES	4,492	4,824	9,316	15,600		
FERTILIZERS	14		14	10		
SYNTHETIC RUBBER	11	218	229	1,704		
PLASTIC MATERIALS	240	1,205	1,445	7,527		
CHEM. SPECIALTIES NES	909	2,145	3,054	1,715		
GASOLINE	18,247	2,114	20,361	30,645		
FUEL OIL	55,982	29,245	85,227	74,546		
LUBRICATING OIL, GREASE	30,402	160	30,562	19,237		
COKE	17,749	52,688	70,437	41,899		
ASPHALTS, ROAD OILS				101		
COAL TAR, PITCH		7,800	7,800	5,616		
PETROL. COAL PROD. NES	67	12,105	12,172	9,821		
FERRO-ALLOYS	18,021		18,021	8,152		
PIG IRON	4,525		4,525	38,619		
PRIMARY IRON, STEEL NES	3,740		3,740	300		
CASTINGS, FORGINGS	2,384	5,030	7,414	821		
BAR AND RODS, STEEL	58,834	17	58,851	36,444		
PLATE AND SHEET STEEL	456,108	588	456,696	135,147		
STRUCTURAL SHAPES	47,223		47,223	96,257		
PIPE, TUBE, IRON AND STEEL	4,617		4,617	3,162		
WIRE	9,365		9,365	11,344		
ALUMINUM	5,997		5,997	3,462		
ZINC AND ALLOYS	4,608		4,608	2,029		
METAL FAB. BASIC PRODUCTS	10,493		10,493	10,049		
GLASS BASIC PRODUCTS	5,038		5,038	6,221		
CEMENT	5,634	7,654	13,288	14,447		
NON-MET. MIN. BASIC PROD.	997		997	2,689		
OTHER FAB. MATERIALS, INEDIBLE	5,204	1,483	6,687	9,549		
TRACTORS	2,293		2,293	3,241		
MACHINERY NES	6,099	349	6,448	7,249		
PASS. AUTOS AND CHASSIS	1,200		1,200	3,160		
MILITARY MOTOR VEHICLES				5		
MOTOR VEHICLE ENGINES, PARTS ..	1,350	31	1,381	2,106		
OTHER END PRODUCTS, INEDIBLE ..	7,404	334	7,738	7,032		
DOMESTIC PACKAGE FREIGHT	19,570	12,850	32,420	7,079		
TOTAL	2,622,154	2,692,735	5,314,889	4,600,279		

TABLE 3. TONNAGE OF FREIGHT TRANSPORTED THROUGH THE SAULT STE. MARIE CANALS, BY COMMODITY AND DIRECTION.

-APRIL-

COMMODITY	UP		DOWN		TOTAL	
	CANADIAN LOCK	CANADIAN AND U.S. LOCKS	CANADIAN LOCK	CANADIAN AND U.S. LOCKS	CANADIAN LOCK	CANADIAN AND U.S. LOCKS
PAPER AND WOODPULP			14,528	19,082	14,528	19,082
PULPWOOD, LUMBER AND LOGS				27		27
WHEAT				641,617		641,617
BARLEY			2,649	59,971	2,649	59,971
OATS				40,865		40,865
CORN				34,412		34,412
RYE				19,570		19,570
FLAXSEED				52,404		52,404
SOYABEANS				10,310		10,310
FLUOR				412		412
MILL PRODUCTS, SCREENINGS				20,506		20,506
IRON ORE				5,191,190		5,191,190
MANUFACTURED IRON AND STEEL	3,191	17,442		28,029	3,191	45,471
PIG IRON				17,110		17,110
SCRAP IRON						
STONE, BROKEN, SAND AND GRAVEL ..		77,267				77,267
CEMENT		22,850				22,850
COAL, BITUMINOUS		613,137				613,137
COAL, ANTHRACITE						
COKE						
NON-METALLIC MINERALS, MERS.		7,470				7,470
GASOLINE		8,119		4,160		12,279
FUEL OIL	13,624	30,705			13,624	30,705
OTHER PETROLEUM PRODUCTS						
MOTOR VEHICLES						
MISCELLANEOUS MERCHANDISE		19,032		20,585		39,617
DOMESTIC PACKAGE FREIGHT						
TOTAL	16,815	796,022	17,177	6,160,250	33,992	6,956,272